

FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 1592-0144PUS1
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/502228
INTERNATIONAL APPLICATION NO. PCT/JP02/13165	INTERNATIONAL FILING DATE 17 December 2002	PRIORITY DATE CLAIMED 13 February 2002	
TITLE OF INVENTION METHOD FOR PRODUCING COMPOUND SEMICONDUCTOR SINGLE CRYSTAL			
APPLICANT(S) FOR DO/EO/US Toshiaki ASAHI; Kenji SATO and Atsutoshi ARAKAWA			

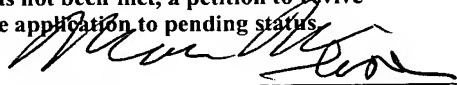
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau. WO 03/068696 A1
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☒ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☒ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, PCT/SB-08(s), and International Search Report (PCT/ISA/210) with 6 cited document(s).
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: PCT/IB/308; PCT/IB/304; PCT/IPEA/409, One (1) sheet of Formal Drawings

DT15 Rec'd PCT/PTO 22 JUL 2004

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/502228</div>	INTERNATIONAL APPLICATION NO. PCT/JP02/13165	ATTORNEY'S DOCKET NUMBER 1592-0144PUS1																																												
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		CALCULATIONS PTO USE ONLY <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">\$ 920.00</td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 0.00</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 0.00</td> <td></td> </tr> <tr> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 920.00</td> <td></td> </tr> <tr> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 920.00</td> <td></td> </tr> <tr> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 920.00</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 40.00</td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 960.00</td> <td></td> </tr> <tr> <td style="text-align: right;">Amount to be refunded:</td> <td style="text-align: right;">\$</td> </tr> <tr> <td style="text-align: right;">charged:</td> <td style="text-align: right;">\$</td> </tr> </table>	\$ 920.00		\$		\$ 0.00		\$ 0.00		\$		\$ 920.00		\$		\$ 920.00		\$		\$ 920.00		\$ 40.00		\$ 960.00		Amount to be refunded:	\$	charged:	\$																
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a. <input checked="" type="checkbox"/> A check in the amount of \$ 960.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																														
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO:																																														
July 22, 2004 CUSTOMER NUMBER: 02292 MSW/nl		SIGNATURE:  NAME: Marc S. Weiner REGISTRATION NUMBER: 32,181																																												

Docket No.: 1592-0144PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Toshiaki ASahi et al.

Application No.: NEW

Confirmation No.: N/A

Filed: July 22, 2004

Art Unit: N/A

For: METHOD FOR PRODUCING COMPOUND
SEMICONDUCTOR SINGLE CRYSTAL

Examiner: Not Yet Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The PTO is requested to use the amended sheets/claims attached hereto (which correspond to Article 19 amendments and to claims attached to the International Preliminary Examination Report (Article 34) during prosecution of the above-identified national phase PCT application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: July 22, 2004

Respectfully submitted,

By 

Marc S. Weiner

Registration No.: 32,181
(703) 205-8000
Attorneys for Applicant

MSW/nl